

1875

# University of Vermont, College of Medicine Bulletin

University of Vermont

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TWENTY-SECOND  
ANNUAL ANNOUNCEMENT  
OF THE  
Medical Department



OF THE  
UNIVERSITY OF VERMONT  
AND  
*State Agricultural College,*  
BURLINGTON, VT.,

FOR THE YEAR 1875.



SPRINGFIELD, MASS.:  
ATWOOD & NOYES, PRINTERS.  
1874.

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# Medical Faculty.

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MATTHEW HENRY BUCKHAM, A. M.,  
PRESIDENT.

SAMUEL WHITE THAYER, M. D.,  
PROFESSOR EMERITUS OF GENERAL AND SPECIAL ANATOMY.

WALTER CARPENTER, M. D.,  
PROFESSOR OF THE THEORY AND PRACTICE OF MEDICINE.

JOHN ORDRONAU, M. D., LL. D.,  
PROFESSOR EMERITUS OF MEDICAL JURISPRUDENCE.

PETER COLLIER, Ph. D., M. D.,  
UNIVERSITY PROFESSOR OF CHEMISTRY AND TOXICOLOGY.

WILLIAM DARLING, A. M., M. D., F. R. C. S.,  
PROFESSOR OF GENERAL AND SPECIAL ANATOMY.

ALBERT FREEMAN AFRICANUS KING, M. D.,  
PROFESSOR OF OBSTETRICS AND DISEASES OF WOMEN AND CHILDREN.

BENJAMIN HOWARD, M. D.,  
PROFESSOR OF THE PRINCIPLES AND PRACTICE OF SURGERY.

HENRY D. HOLTON, M. D.,  
PROFESSOR OF MATERIA MEDICA AND GENERAL PATHOLOGY.

MARSHALL CALKINS, A. M., M. D.,  
PROFESSOR OF PHYSIOLOGY AND MICROSCOPIC ANATOMY.

CHARLES PAINE THAYER, M. D.,  
ASSISTANT TO THE PROFESSOR OF PHYSIOLOGY AND MICROSCOPIC ANATOMY.

EDWARD SPRAGUE PECK, A. M., M. D.,  
ASSISTANT TO THE PROFESSOR OF SURGERY.

A. P. GRINNELL, M. D.,  
ASSISTANT TO THE PROFESSOR OF THEORY AND PRACTICE OF MEDICINE.

PETER COLLIER, Ph. D., M. D.,  
DEAN OF THE MEDICAL FACULTY.

# General Announcement.

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THE next annual course of lectures in this Institution will commence Thursday, March 18, 1875, and continue sixteen weeks.

The Medical College is situated near the University buildings, and upon an eminence overlooking the city of Burlington, Lake Champlain and the Adirondack chain of mountains. For beauty of scenery and salubrity of climate its situation is not surpassed by any Institution of learning in the country. The building is of brick, well ventilated, and provided with two commodious lecture-rooms and amphitheater, two large, well-lighted dissecting-rooms, and in every way perfectly adapted for clinical and didactic teaching. It contains a large museum, composed of a great number of Osteological and Pathological specimens, both wet and dry, and is open to the students during the session.

## General Outline of the Course of Lectures.

### PRACTICE OF MEDICINE.

PROF. WALTER CARPENTER.

The course of instruction in this department will be thorough, and such as will enable the student to remember the main facts in the pathology of special diseases, and supply him with the necessary knowledge to observe the phenomena of disease. The Lectures will be illustrated with morbid specimens and casts.

### CHEMISTRY AND TOXICOLOGY.

PROF. PETER COLLIER.

The lectures in this department relate to the fundamental doctrines of chemistry, or chemical philosophy, to inorganic substances, and to the chemistry of the vegetable and animal kingdoms. Toxicology, or the science of Poisons, a subject of the greatest importance to the practitioner, both in its pathological and medico-legal relations, receives special consideration. In connection with this course a chemical laboratory is established, in which students who desire it are instructed in analytical chemistry, and particularly in the examination of the various organs, secretions and excretions of the human body. Students are taught the more simple and accurate methods of making analyses of the blood, milk, urine, etc., with particular reference to their duties as medical practitioners.

### GENERAL, DESCRIPTIVE AND SURGICAL ANATOMY.

PROF. WILLIAM DARLING.

As a teacher in this department, Prof. Darling has no superior, as those who have listened to his lectures in both the Universities of Vermont and New York can testify. He is the only person in this country who is a fellow of the Royal College of Surgeons, England, by examination. His lectures will be illustrated by demonstrations upon the cadaver, as well as by plates and diagrams. For the acquirement, therefore, of a thorough and practical knowledge of Anatomy, this Institution offers the student superior advantages.



## OBSTETRICS AND THE DISEASES OF WOMEN AND CHILDREN.

PROF. A. F. A. KING.

The course in this important department of medical science will comprise a series of sixty didactic lectures, fully illustrated by an elaborate collection of more than life-sized diagrams, manikins, models and wet anatomical preparations. The various obstetrical instruments, as well as those employed in the treatment of uterine disease, will be exhibited to the class, and their uses fully explained. During the latter part of the term special attention will be given to the diseases of women, with a view to render the student familiar with the various modes of manual and instrumental examination, and the surgical and therapeutical remedies required in the management of uterine disease. For imparting to the student a practical knowledge of the subject, it is hoped this course of instruction will compare favorably with that of any other college in the United States.

## SURGERY.

PROF. B. HOWARD.

The principles and practice of Surgery will be taught from this chair, both by didactic lectures and clinical instruction. Orthopedic Surgery and Diseases of the Genito-Urinary system will be included in this course. Regular clinics will be held during the Surgical course, where every facility will be afforded to the class for witnessing surgical operations. Operations will be performed upon the *cadaver*, and the use of all important surgical instruments and appliances will be demonstrated in the same manner. A fine collection of models, illustrating surgical anatomy, form an attractive feature of the surgical course,

## MATERIA MEDICA AND GENERAL PATHOLOGY.

PROF. HENRY D. HOLTON.

In this department, especial attention will be paid to the physiological effects, and the therapeutical adaptation of remedies, with particular reference to their *practical* application. As far as possible, this will be illustrated by experiments on living animals. Pathological specimens, both wet and dry, will also be used in illustration of different pathological conditions.

## PHYSIOLOGY AND MICROSCOPIC ANATOMY.

PROF. M. CALKINS.

The lectures in this department will be illustrated, as far as possible, by experiments on animals, the use of the stereopticon, and microscopes, in order to exhibit to the student its more important facts and principles;—more especially will the general functions of human physiology receive attention, and the relations of normal and abnormal life be described. Histological illustrations will be ample, as several excellent microscopes will be furnished for the more full elucidation of this branch of study.

## LECTURES ON ENGLISH LITERATURE.

The President, assisted by members of the Academical Faculty, will give a short course of Lectures on English Literature. The object of the course will be to promote the spirit of culture among the students, and to guide them in the reading and study of literature.

A MEDICAL CLINIC will be held each Wednesday (during the term), and a SURGICAL CLINIC each Saturday during the continuance of the Surgical course of lectures.



## Prizes.

Faculty Prize of \$25, for the best Thesis.

A prize of \$50 will be given in Chemistry, for the best Examination upon the Lectures.

A prize will be given by Prof. Carpenter, for the best Essay upon any subject connected with practical medicine.

Prof. Howard will give a prize for the best written Report of the Surgical Cliniques.

Prof. Holton will give a prize for the best Examination on Materia Medica and General Pathology.

Prof. Calkins will give a prize for the best written Report of his Lectures on Physiology.

The prize of a case of instruments offered by the Professor of Surgery, for the best written report of the Surgical Cliniques of 1874, was awarded to Mr. J. W. Swett of Fairfax, Vt. The committee of award made honorable mention of the reports of A. J. Watson of W. R. Junction, Vt., and Louis A. Arthur of Burlington, Vt.

At the commencement of the Term, every Student is required to call on the Dean, and enter his name and place of residence, and the name and place of residence of his Preceptor, in the Register, and *pay all fees* for the course.

No student will be admitted to lectures without tickets after April 15.

FEES.—Matriculation (paid but once), \$5; Dean's Certificate (general ticket), \$70; Graduation Fee, \$25.

Students who have attended two full courses of Lectures in other accredited Medical Colleges receive all the tickets to the Lectures of this College, exclusive of the Matriculation Ticket, for \$20. The Dissecting Room will be open through the Term. An ample supply of anatomical material will be furnished at cost.

TEXT-BOOKS.—*Anatomy*—Gray, Wilson, Holden. *Theory and Practice*—Niemeyer, Watson, Tanner, Flint, Aitken, Reynolds, Wood. *Surgery*—Gross, Erichsen, Hamilton. *Materia Medica*—Wood & Bache, U. S. Dispensatory, Headland, Stille, Biddle, Pereira, Riley's Compend. *Chemistry*—Barker, Bowman, Cook's Chem. Problems, Fownes' Elementary Chemistry. *Obstetrics*—Tyler Smith, Cazeaux, Ramsbotham. *Physiology*—Dalton, Flint, Dunglison, Carpenter. *Pathology*—Rokitansky, Verchow, Paget, Billroth. *Jurisprudence*—Ordranax.

QUALIFICATION FOR GRADUATION.—The candidate must be twenty-one years of age, of good moral character, and must have studied medicine three years with a regular practitioner. He must have attended two full Courses of Lectures in some Medical School recognized by the American Medical Association, one of which must have been in this Institution. He must write a Thesis on a medical subject, and present it together with his dues to the Dean one month before the close of the session. He must pass a satisfactory examination before the Medical Faculty and Board of Medical Examiners, appointed by the State Medical Society. In no case will departure be made from the above conditions.

BOARD.—Board may be obtained from \$3 to \$5 per week. Good accommodations furnished students who wish to board themselves. Many adopt this method, at a great reduction of expense. Students who intend to board themselves will find it greatly to their advantage to come provided with such bedding and culinary articles as they can conveniently bring with them from home.

Students, on coming to Burlington, are invited to call at Dr. Grinnell's office, where they will obtain all necessary information and assistance.

All those who wish further information concerning the Medical Department may address by letter, either

**THE DEAN, or  
A. P. GRINNELL, M. D.**



## Private Instruction.

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A PRIVATE Course of Lectures on the Principles and Practice of Medicine, Surgery, Anatomy, Obstetrics, Diseases of Women, Physiology and their auxiliary branches, will be given, consisting of two terms, commencing on the second Thursday in September and continuing until March first. Opportunity will be afforded for private dissection, commencing on the second Thursday in December. Material for dissection will be furnished at cost. Daily demonstrations will be made by the Instructor in Anatomy. The fees of the above Course will be forty dollars a term.

INSTRUCTORS.—*Theory and Practice, Materia Medica and General Pathology*—PROF. CARPENTER.

*Analytical Chemistry and Toxicology*—PROF. COLLIER.

*General Surgery*—DR. E. S. PECK.

*Obstetrics, Diseases of Women and Children, and Applied Physiology*—DR. A. P. GRINNELL.

*General and Special Anatomy and Histology*—DR. C. P. THAYER.

PROFESSORS HOLTON and CALKINS will receive a limited number of students for private instruction respectively at Brattleboro, Vt., and Springfield, Mass. During the winter months, they will give anatomical demonstrations upon the cadaver.

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## REPORT OF THE Delegates of the Vermont State Medical Society.

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*To the State Medical Society of Vermont:*

YOUR delegates to the Medical Department of the University of Vermont, would respectfully report that they were present at the examinations of the candidates for the degree of "Doctor in Medicine," which were held at Burlington on the second and third days of July, 1874. Eighteen young gentlemen were presented for inspection and examination, all of whom passed the ordeal, which was marked by unusual thoroughness, very satisfactorily, and, in a few instances, more than ordinary promise was evinced. It was really refreshing to find that the Faculty are so much in earnest in the business of making the students attentive to and thorough in their work.

In the questions and answers there appeared evidence of the thoroughly practical nature of the instruction imparted. We would praise the wisdom and encourage the continuance of a system of teaching that yields the greatest amount of material for immediate use, and, at the same time, begets a desire and lays the foundation for more extended research into the minutiae of the science of medicine. We were impressed with the conviction that the average medical student of the day is in possession of better preliminary preparation than were those of whom doctors were formerly constructed. Yet the deficiency, in a few cases, in preliminary preparation, was too well marked to make the improvement from the past a theme of praise.

We are pleased to recommend the teaching and the results which we witnessed, to future aspirants.

A. T. WOODWARD, *Delegate.*

Approved.

L. C. BUTLER, *President Vt. Medical Society.*



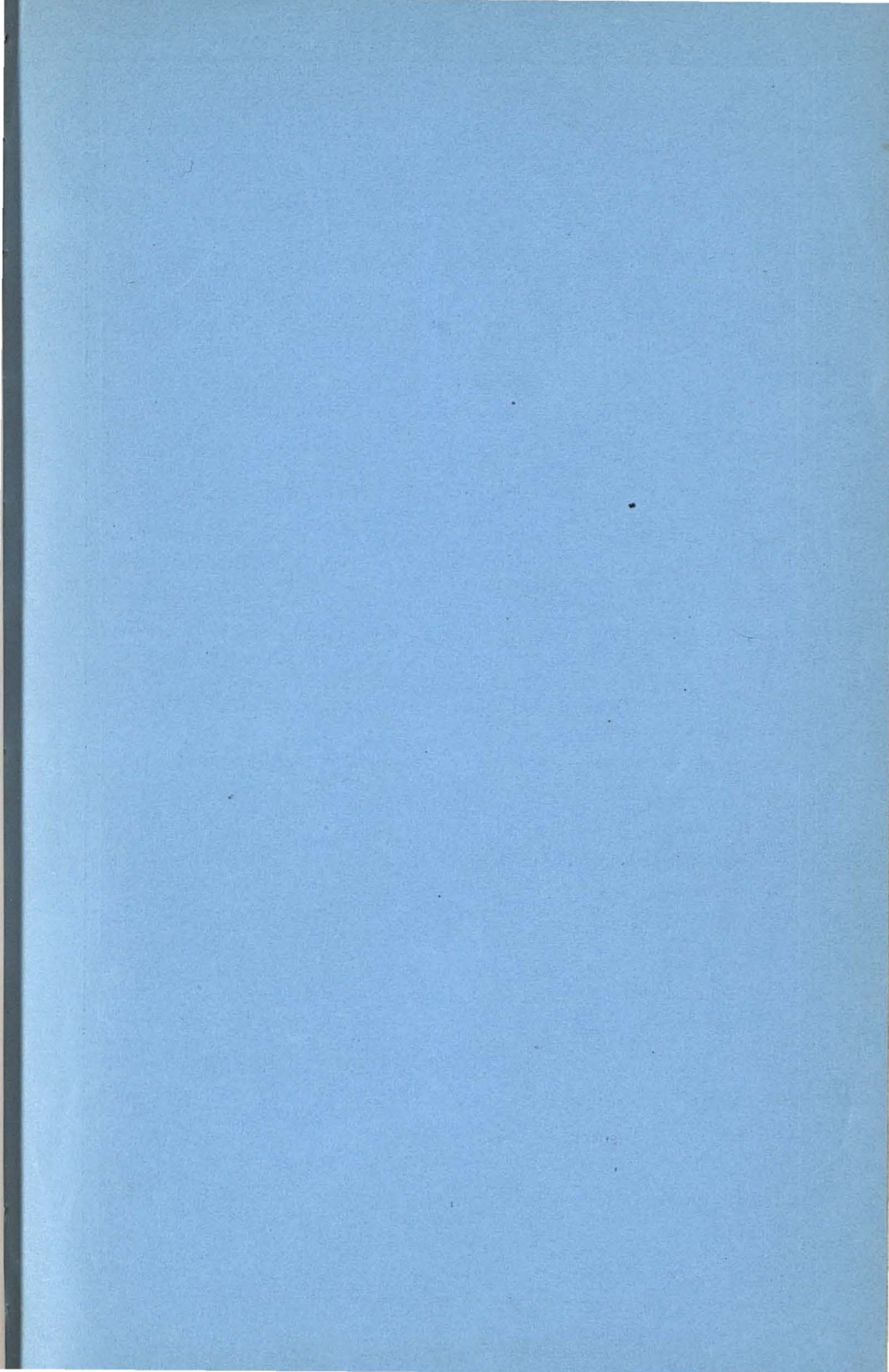
# Medical Students—1874.

Names.	Residences.	Preceptors.
Allen, Joel	North Fairfax, Vt.	C. F. Hanley, M. D.
Arthur, Louis A.	Burlington, Vt.	E. S. Peck, M. D.
Barber, Charles H.	Rutland, Vt.	George H. Fox, M. D.
Blair, Harvey S.	Blandford, Mass.	N. S. Bull, M. D.
Braley, B. Will	Barre, Vt.	A. P. Grinnell, M. D.
Burns, Charles P.	St. Albans, Vt.	E. S. Peck, M. D.
Bingham, Albert L.	Fletcher, Vt.	L. M. Brigham, M. D.
Carnes, George D.	South Pomfret.	R. Morris, M. D.
Carpenter, Elbridge G.	Providence, R. I.	P. Newell, M. D.
Cilley, Frank H.	Essex Center	L. C. Butler, M. D.
Chadwick, Payson M.	St. Johnsbury.	H. S. Brown, M. D.
Crowell, Homer C.	Putney, Vt.	Daniel P. Webster, M. D.
Cole, Albert L.	Canton, N. Y.	S. Hoag, M. D.
Cooke, Martin D.	East Stockholm, N. Y.	E. F. Edgerly, M. D.
Draper, Charles M.	Eaton, P. Q.	F. Harbe, M. D.
Davis, George W.	Albany Springs.	M. I. Hyde, M. D.
Downing, Alfred C.	Enosburgh, Vt.	W. R. Hutchinson, M. D.
Davis, Bateman W.	Montgomery, Vt.	S. S. Wilber, M. D.
Dean, Henry	Highgate, Vt.	S. W. Thayer, M. D.
Drury, Alfred C.	South Canton, N. Y.	A. G. Goss, M. D.
Foster, George S.	Vergennes, Vt.	P. Maxfield, M. D.
Frost, Davis A.	Charlestown, N. H.	H. S. Noble, M. D.
Fullenwider, Warren D., A. B.	Springfield, Ill.	H. S. Noble, M. D.
French, Allen H.	Gilmanton, N. H.	N. Wight, M. D.
Fish, Edgar J.	Chelsea, Vt.	S. N. Goss, M. D.
Garfield, Warren	Chester, Vt.	William F. Eddy, M. D.
Hutchinson, William W.	Enosburgh, Vt.	William R. Hutchinson, M. D.
Hinckley, John P.	Georgia, Vt.	H. O. Bartlett, M. D.
Honsinger, Willis F.	West Chazy, Vt.	William S. Honsinger, M. D.
Hunt, Chauncey N.	Worcester, Vt.	N. M. Harris, M. D.
Howard, Charles W., A. B.	Windham, Vt.	H. W. Eddy, M. D.
Latham, Alonzo H.	Potsdam Junction, N. Y.	F. A. Pease, M. D.
Lamb, Ora H.	Heath, Mass.	E. S. Weston, M. D.
Nolan, Robert G.	Norwich, Ct.	P. Carrody, M. D.
Parsons, Nathan S.	West Chazy, N. Y.	W. S. Honsinger, M. D.
Pease, James M.	Wilbraham, Mass.	Prof. M. Calkins, M. D.
Post, Henry W.	Brattleboro, Vt.	Prof. H. D. Holton, M. D.
Packard, George B.	Jericho, Vt.	E. S. Peck, M. D.
Robinson, William P.	Springfield, Mass.	Prof. M. Calkins, M. D.
Sibley, Hiram B., A. B.	Winooski, Vt.	A. P. Grinnell, M. D.
Shea, Henry P.	Canton, N. Y.	J. C. Preston, M. D.
Stillman Joseph C.	Pownal, Vt.	A. G. Stillman, M. D.
Sanderson, Arbie S.	Milton Falls, Vt.	S. I. Dixon, M. D.
Swett, James W., A. B.	Fairfax, Vt.	J. S. Swett, M. D.
Swett, William P.	Fairfax, Vt.	Walter Carpenter, M. D.
Townsend, Eugene H.	Burlington, Vt.	A. P. Grinnell, M. D.
Toby, Elbridge A.	Calais, Vt.	C. M. Chandler, M. D.
Towers, Frank E.	Richmond, Vt.	A. P. Grinnell, M. D.
Wells, William M.	South Hannibal, N. Y.	R. N. Cooley, M. D.
Watson, Henry A.	Hartford, Vt.	B. F. Eaton, M. D.
Vinton, James A.	Providence, R. I.	

## Graduates.

Names.	Residences.
Charles H. Barber, . . . . .	<i>Rutland, Vt.</i>
Elbridge G. Carpenter, . . . . .	<i>Providence, R. I.</i>
Frank H. Cilley, . . . . .	<i>Essex Center, Vt.</i>
Charles M. Draper, . . . . .	<i>Eaton, P. Q.</i>
Alfred C. Downing, . . . . .	<i>Enosburgh, Vt.</i>
Alfred C. Drury, . . . . .	<i>South Canton, N. Y.</i>
George S. Foster, . . . . .	<i>Vergennes, Vt.</i>
Edgar J. Fish, . . . . .	<i>Chelsea, Vt.</i>
Warren Garfield, . . . . .	<i>Chester, Vt.</i>
William W. Hutchinson, . . . . .	<i>Enosburgh, Vt.</i>
Willis T. Honsinger, . . . . .	<i>West Chazy, N. Y.</i>
Ora H. Lamb, . . . . .	<i>Heath, Mass.</i>
William S. Parsons, . . . . .	<i>West Chazy, N. Y.</i>
George B. Packard, . . . . .	<i>Jericho, Vt.</i>
William P. Robinson, . . . . .	<i>Springfield, Mass.</i>
Joseph C. Stillman, . . . . .	<i>Pownal, Vt.</i>
Elbridge A. Toby, . . . . .	<i>Calais, Vt.</i>
Willis M. Wells, . . . . .	<i>South Hannibal, N. Y.</i>
Henry A. Watson, . . . . .	<i>Hartford, Vt.</i>





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# The Alumni Association.

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## OFFICERS FOR 1874 AND 1875.

### *President.*

P. O'MEARA EDSON, M. D., Boston, Mass.

### *Vice Presidents.*

B. W. CARPENTER, M. D., Burlington, Vt.

B. S. BIGELOW, M. D., Michigan.

HARVEY F. CRAM, M. D., Ferrisburgh.

E. M. CURTIS, M. D., California.

LUCIUS J. DIXON, M. D., Milton.

EDWARD B. NIMS, M. D., Massachusetts.

EDWARD BRADLEY, M. D., N. Y. City.

ALBERT REYNOLDS, M. D., New York.

J. H. BAXTER, M. D., Washington, D. C.

CHARLES P. THAYER, M. D., Burlington.

A. H. CHESMORE, M. D., Huntington, Vt.

E. W. BARTLETT, M. D., Milwaukee, Wis.

### *Secretary.*

EDWARD S. PECK, M. D., Burlington.

### *Treasurer.*

A. D. TAGERT, M. D., Shelburne, Vt.

### *Executive Committee.*

D. S. KELLOGG,

H. G. HOWE,

E. S. PECK.

This Association, which is now an established fact, was organized in 1873. The first annual celebration was held at the American Hotel, Burlington, in July, 1874. There were a large number present, and the meeting was a success in every respect. The Association will meet on the day previous to Commencement.